

# TEP@www.tep.org.uk



If you haven't been to the TEP website recently, it is well worth a visit next time you are online. It has recently received a face-lift, and is now incredibly easy to navigate. It contains a wealth of information for the D&T teacher. On the

site you can find out about the very latest TEP products and publications. There is a forum for you to discuss D&T ideas and problems with other teachers and the TEP team. You can read about curriculum projects that teachers around the country have put into practice.

The latest addition to the website is a raft of downloadable CAD/CAM tutorials and study notes to help you make the most of your CNC machine and Pro/DESKTOP software. The site also includes up-to-date information about upcoming training days, and will soon allow you to download TEP training manuals.

The Electronics



area allows you to download any of 112 PIC circuits as well as homework and revision sheets.

The TEP website has a useful section of links to other recommended sites on the internet.

So, for the very latest information from TEP, make sure you visit us soon.



## Textiles: YEAR 7 JITTERBUG PROJECT



I first heard of the Jitterbug at a presentation of new TEP materials by Frank Muraca. I thought the project kit would be particularly useful if developed through textile materials in Year 7.

Unfortunately, most Year 7 students seem to associate Textiles with 'boring' needlework and sewing long

before they arrive at John Colet School, and I wanted to develop a unit of work that would help to change that attitude and eventually improve the gender balance in the Key Stage 4 option choices.

We experimented with transfer dyes and synthetic stockinette fabric to create a basic bug 'skin', which would be capable of



attachment to the circular polycarbonate base plate and allow for further development on the surface body of the bug, e.g. wings, antennae, eyes, legs, colouration, etc..

Through the project, students covered the

basics of an electrical circuit with a motor attachment, learnt about the symbols used in a circuit layout, and a lot of basic textile concepts and skills.

The project will be developed further with the introduction of a switching mechanism, lighting and a control element.



Jan Firbank, Head of Technology, John Colet School